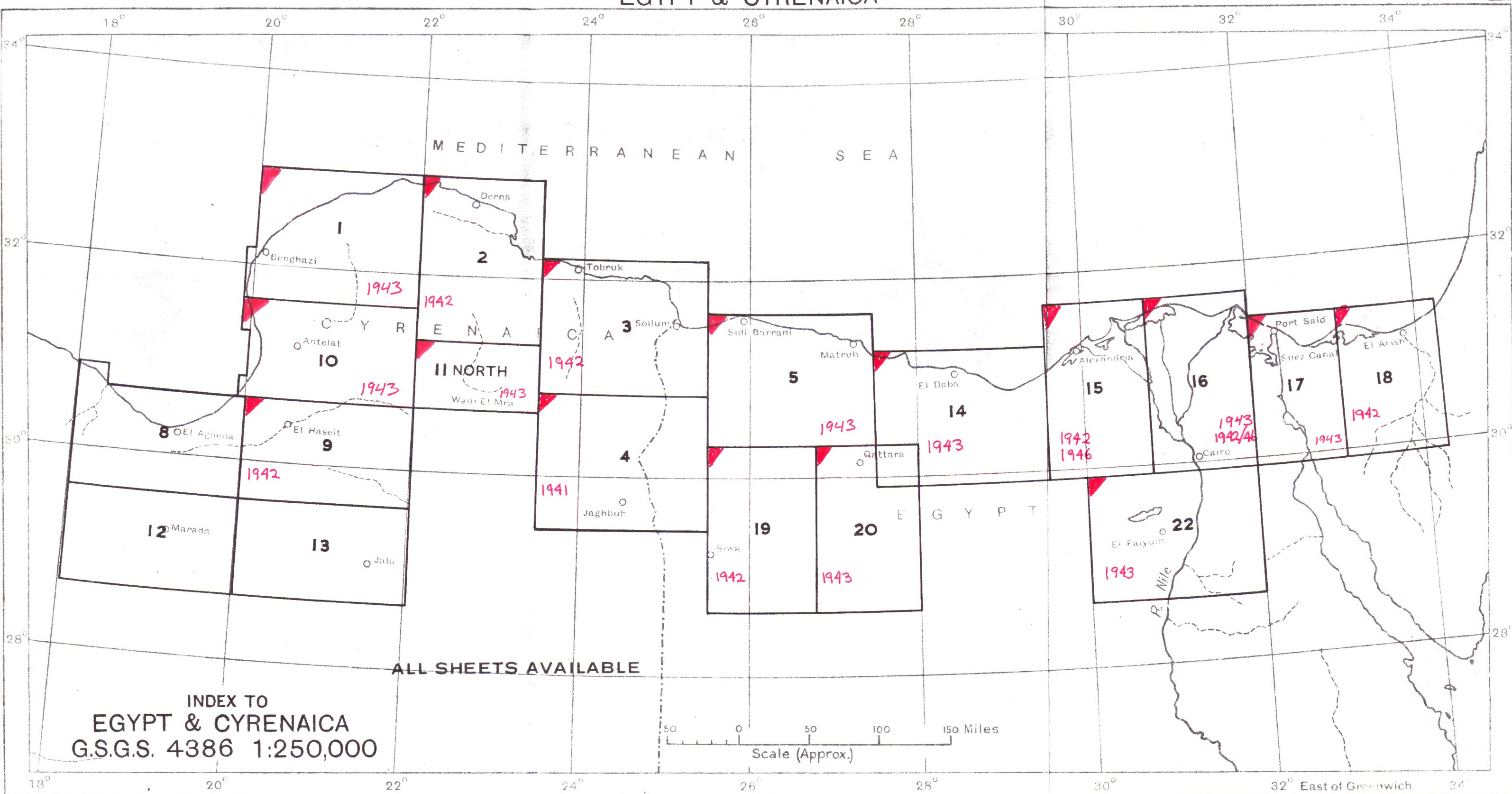


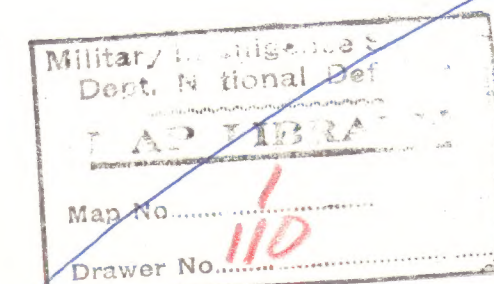
EGYPT & CYRENAICA



OR 4256 A

Drawn at G.S.G.S. (A.M.) 1945

c-139 index
Egypt - series 1:250,000 GSGS 4386

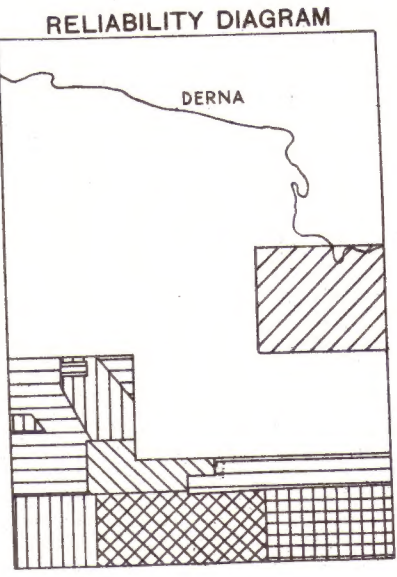
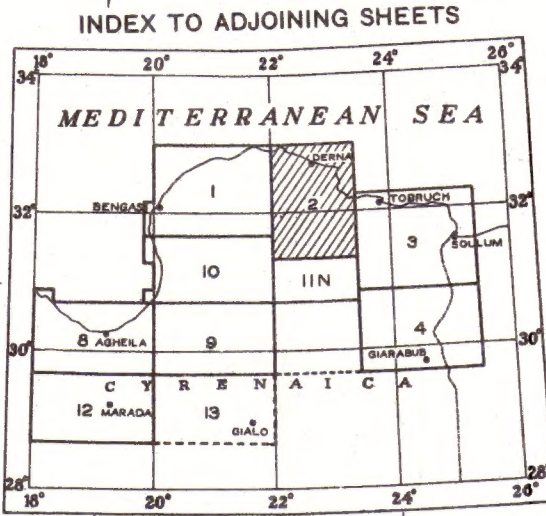
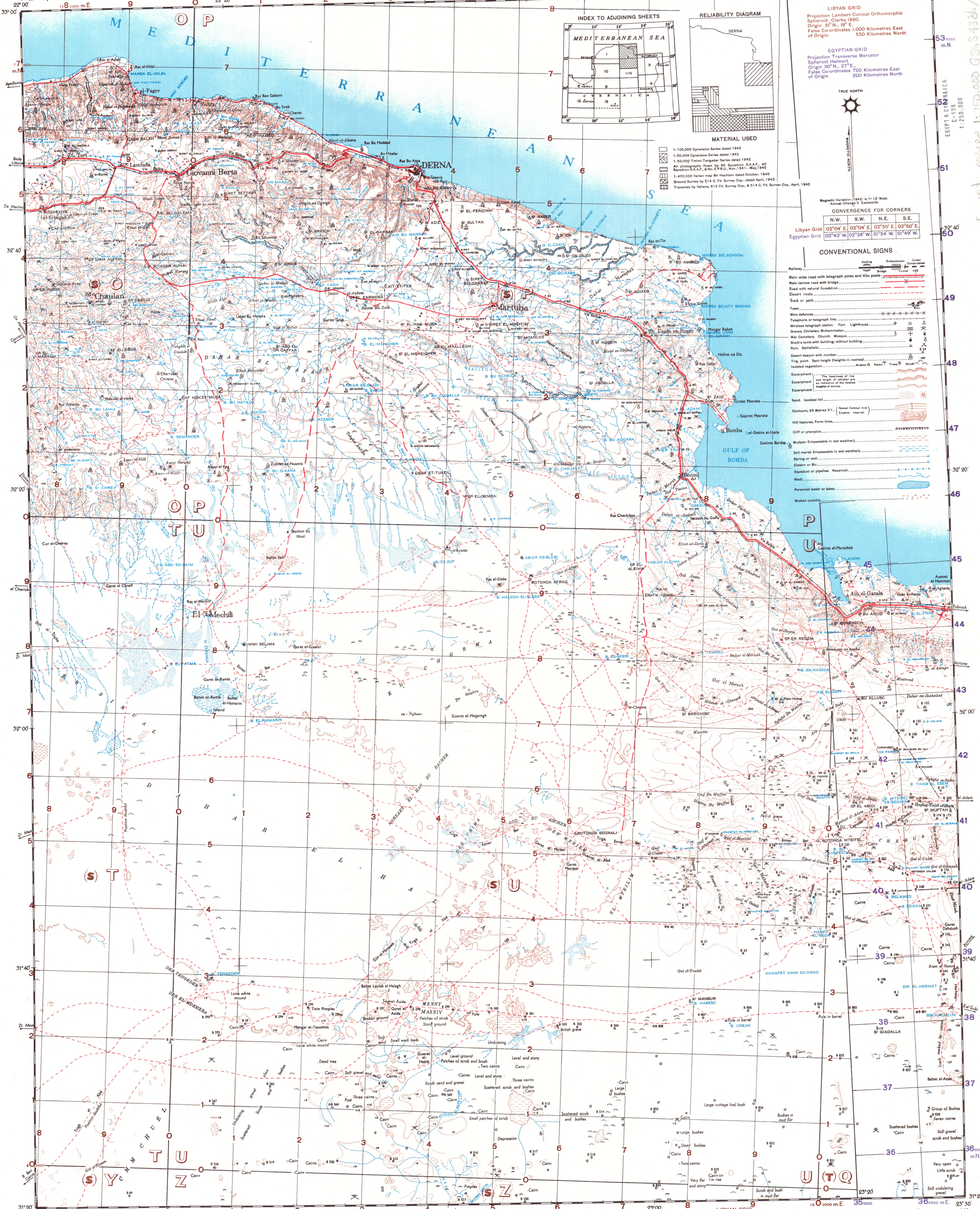


DERNA

FIRST EDITION

SHEET 2.

1:250,000 EGYPT AND CYRENAICA



LIBYAN GRID
Projection Lambert Conical Orthomorphic
Spheroid Clarke 1880.
Origin 31° N, 18° E.
False Coordinates 1,000 Kilometres East
of Origin.

EGYPTIAN GRID
Projection Transverse Mercator
Spheroid Helmert
Origin 30° N, 27° E.
False Coordinates 700 Kilometres East
of Origin.



CONVERGENCE FOR CORNERS

	N.W.	S.W.	N.E.	S.E.
Libyan Grid	02°04' E	02°04' E	02°50' E	02°50' E
Egyptian Grid	02°43' W	02°36' W	01°54' W	01°49' W

CONVENTIONAL SIGNS

- Railway
- Main wide road with telegraph poles and Kilos posts
- Main narrow road with bridge
- Road with natural foundation
- Desert road
- Track or path
- Town
- Wire defences
- Telephone or telegraph line
- Wireless telegraph station
- Fort
- Light house
- War Cemetery
- Church
- Mosque
- Shah's tomb with building without building
- Ruin
- Barbed wire
- Desert basin with number
- Triangulation
- Spot height (heights in metres)
- Isolated vegetation
- Escarpment
- Escarpment
- Escarpment
- Contours, 25 Metres V.L.
- Hill features, Form lines
- Cliff or precipice
- Mudpan (impossible in wet weather)
- Salt marsh (impossible in wet weather)
- Spring or well
- Chatern
- Aqueduct or pipeline
- Reservoir
- Wadi
- Perennial water or lakes
- Broken country

Geographical Section, General Staff, No. 4386.
Published by War Office 1943.
2,500/2/44 G.

GLOSSARY OF TERMS USED ON THIS MAP

- Ain
- Alum
- Argul
- Balta, Balat, pl. Balat
- Bir, pl. Abiar
- Caf
- Dahar
- Elat
- Fig
- Gabr
- Garat, pl. Garat, Gur
- Guaret, pl. Guaret
- Spring
- Direction cairn
- Ridge, Spur
- Mudpan
- Cistern
- Depression
- Unroofed cistern
- Hagfel
- Summit of escarpment
- Heam
- Cave
- Fig garden
- Cumousat
- Mastan
- Port anchorage
- Mystat
- Obstacle
- Obstacle
- Minger (Menger)
- Chiff, Buft
- Small valley
- Neuzat
- Peak, Cape
- Regen
- Scabb
- Saint, Holy man
- Sidi, Suert
- Shurid palm
- Wadi
- Zauzet
- Obstacle

ABBREVIATIONS: B. Bir, Gr. Gabr, Mn Maaten, Si Sidi, W. Wadi, Zt. Zauzet

SCALE 1:250,000

ALL HEIGHTS ARE IN METRES

TO GIVE A GRID REFERENCE ON THIS SHEET

LETTER = **U** POINT = **El Mechili** LETTER = **(S) U**

EAST 0 NORTH 8

0 4 86

REFERENCE (S) U 0486 TO NEAREST 1,000 METRES

Unit Square

TO GIVE A GRID REFERENCE ON THIS SHEET

POINT = **SI EMBARCH** LETTER = **(S) U**

EAST 35 NORTH 44

1 1 44

REFERENCE 351441 TO NEAREST 1,000 METRES

Unit Square

Copied from Middle East Map, M.D.R. 1006/1882 of October 1942.
Photolithographed by O.S. 1943.

EGYPTIAN 'PURPLE' GRID

Geographical Section, General Staff, No. 4386.
Published by War Office 1943.
2,500/2/44 G.

1:250,000 EGYPT AND CYRENAICA.

This sheet is gridded with the "PURPLE" GRID based on Long. 27° E.

SALUM-TOBRUCH

NOT TO BE PUBLISHED.

SHEET 3

REFER TO THIS MAP AS:-
1:250,000 EGYPT & CYRENAICA, Sheet 3,
Salum-Tobruh.

SCALE 1:250,000

KILOMETRES 5 4 3 2 1 0 5 10 15 20 25
MILES 5 4 3 2 1 0 5 10 15 20 25

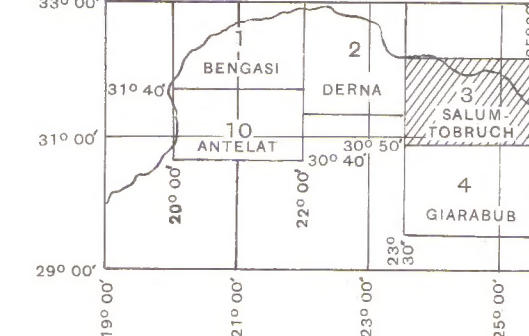
Italian Vertical Interval 25 Metres
Dotted form lines 5 Metres
Egyptian Vertical Interval 10 Metres

The heights and contours on the Egyptian sheet differ from those on the Italian sheet. No attempt has been made to join them. They have been continued in each case up to the frontier.

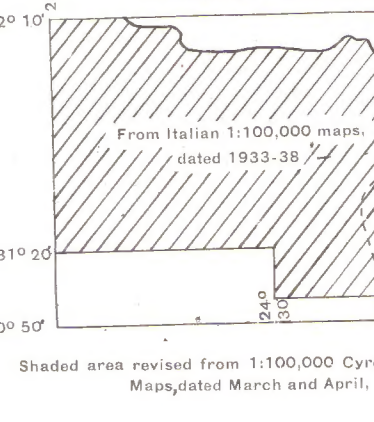
TO GIVE A GRID REFERENCE ON THIS SHEET

Point: * ABU SHAUF
East: Take west edge of square in which point lies and read the figures printed opposite this line (on north or east margin) or on the line itself (on the face of the map). Estimate tenths eastwards.
North: Take south edge of square in which point lies and read the figures printed opposite this line (on east or north margin) or on the line itself (on the face of the map). Estimate tenths northwards.
REFERENCE 521354 TO NEAREST 1000 METRES
Unit Square Metres 10000 Metres.

INDEX TO ADJOINING SHEETS



RELIABILITY DIAGRAM



Shaded area derived from 1:100,000 Cyrenaica (M.D.R. 1:000) Map dated March and April, 1942.

Magnetic Variation (1942) 0° 53' W.

Annual Decrease about 4"

At the centre of this Sheet

Grid North is 1° 18' West of True North

Magnetic North is 0° 53' West of True North

and 0° 25' East of Grid North.

At the centre of this Sheet

Grid North is 1° 18' West of True North

Magnetic North is 0° 53' West of True North

and 0° 25' East of Grid North.

At the centre of this Sheet

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Grid North is 1° 18' West of True North

Magnetic North is 0° 53' West of True North

and 0° 25' East of Grid North.

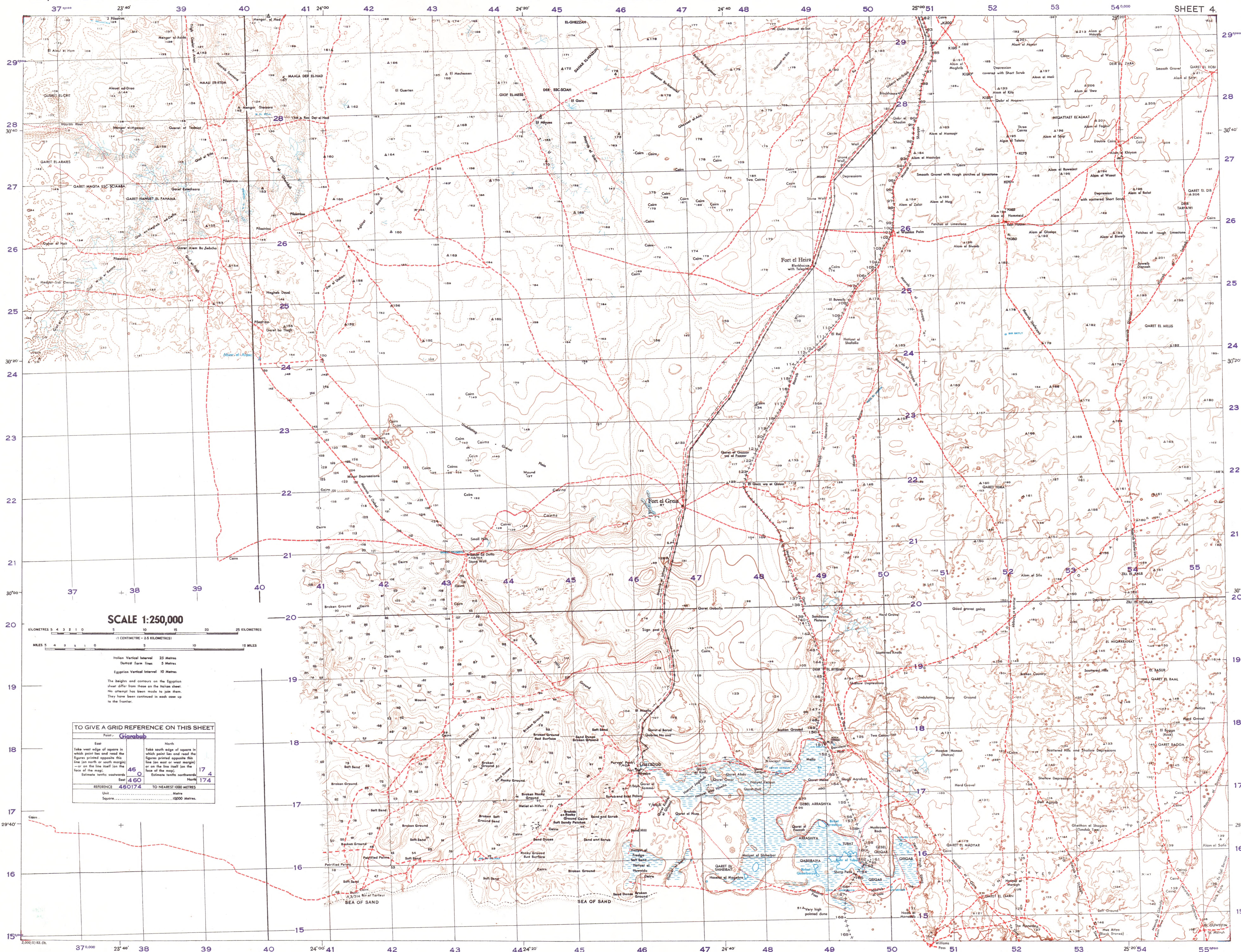
M.D.R. 1006/1567

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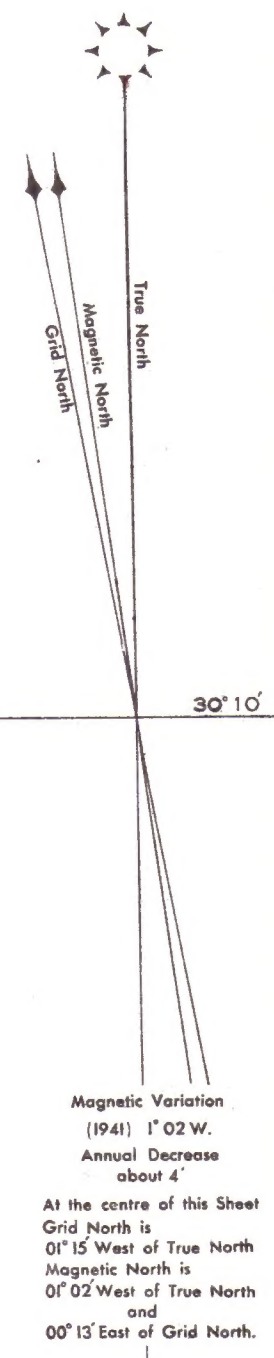
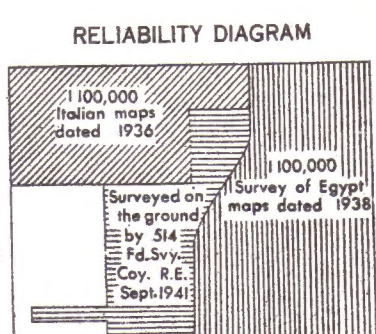
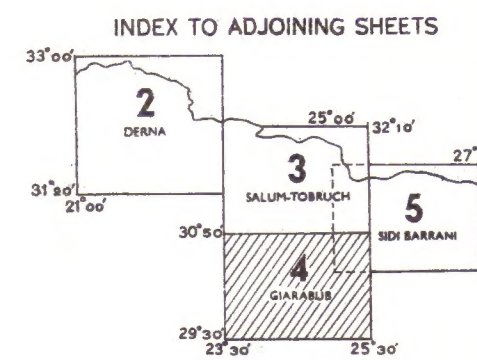
1:250,000 EGYPT & CYRENAICA Sheet 3,
Salum-Tobruh.

EGYPT & CYRENAICA
C-139
1:250,000

Egypt - series 1:250,000 GSGS 4836 / MDR 1006
sheet 3



EGYPTIAN GRID
Spheroid Helmert
Origin 30°N, 27°E
False Co-ordinates 700 Kilometres East
of Origin



CORRECTIONS TO LATITUDE
AND LONGITUDE
To bring the values for LATITUDE
and LONGITUDE given on this map into
sympathy with Survey of Egypt datum (3.6
meters from LONGITUDES and 7.7 meters from
LATITUDES taken from this map).

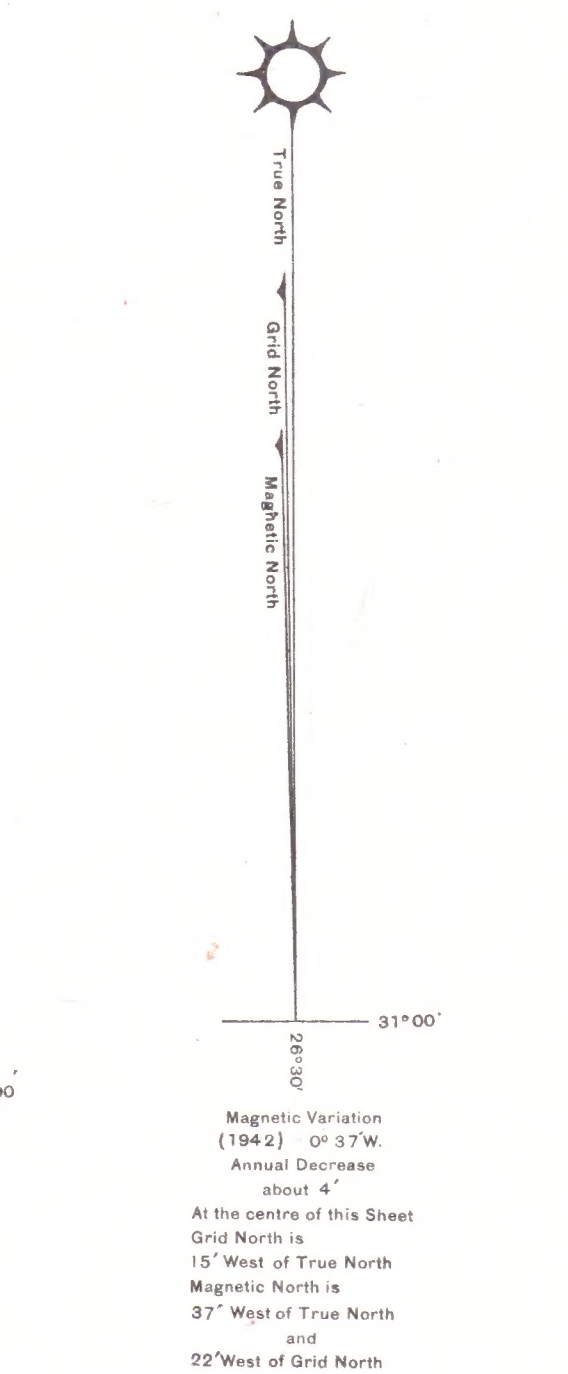
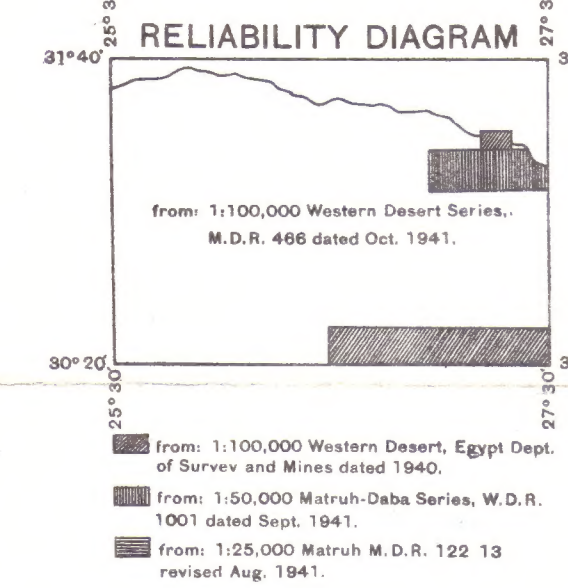
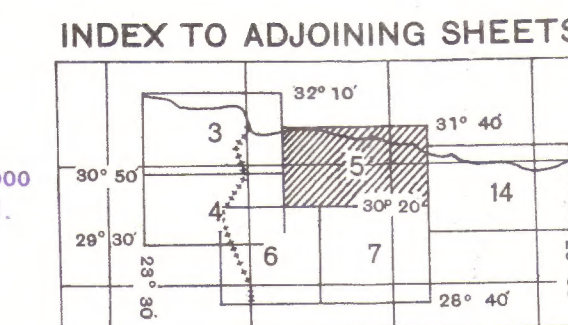
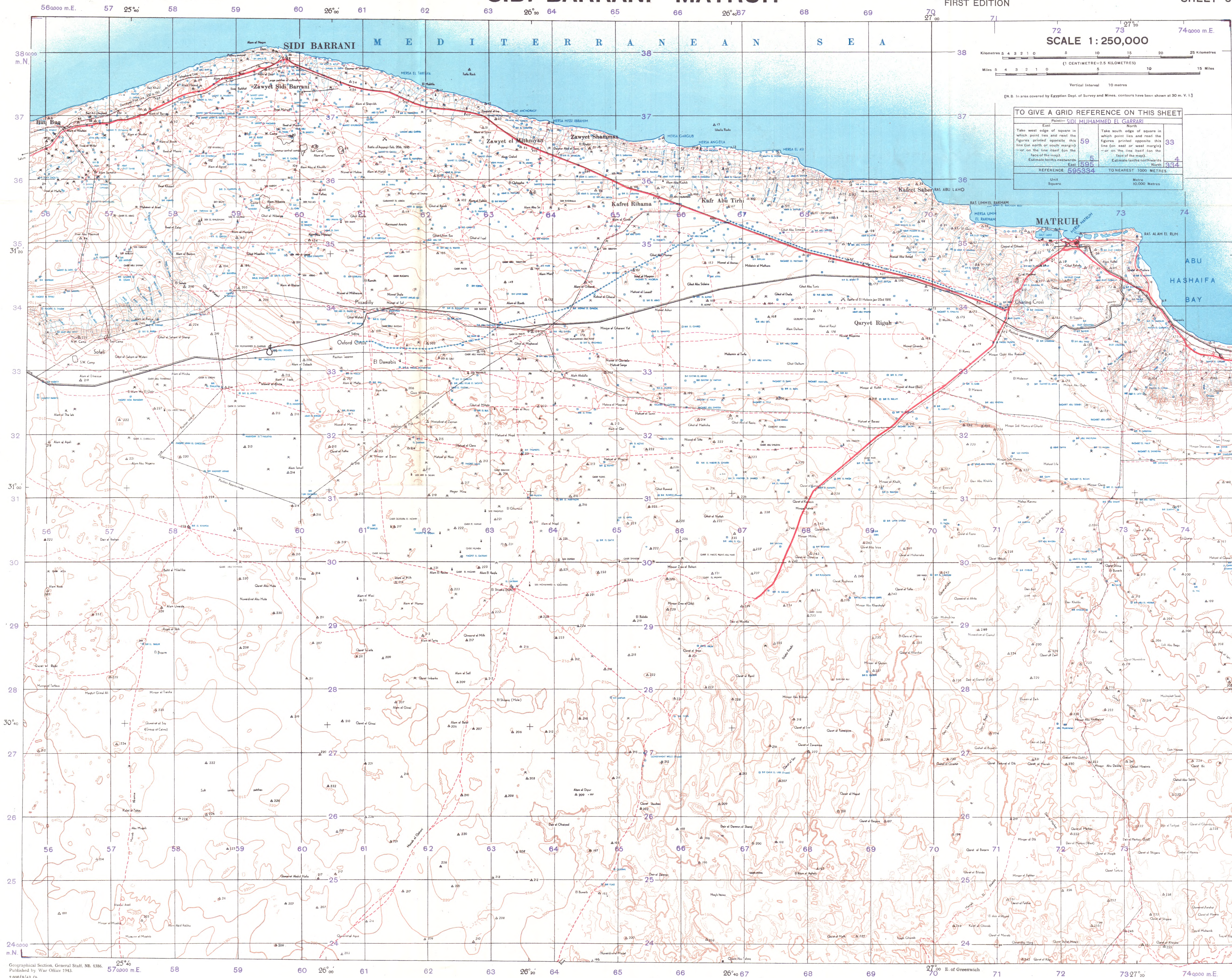
CORNER	LATITUDE	LONGITUDE	CONVERSION
N.W.	30° 50'	23° 30'	1° 48'
S.W.	29° 30'	23° 30'	1° 44'
N.E.	30° 50'	25° 30'	0° 46'
S.E.	29° 30'	25° 30'	0° 45'

REFERENCE

Symbol	Description
—	Main, white, road
- - -	Main, narrow, road
- - -	Desert road with natural foundation
- - -	Motor track
- - -	Track used for wheeled traffic
- - -	Telephone or Telegraph Line
- - -	Boundary of State, Communal, District
- - -	Religious
- - -	Cemetery: Christian, Jewish, Muslim
- - -	Wholesome (Mugshot) station
- - -	Tag post, Spot height, Low water
- - -	Kilometre post
- - -	Lighted
- - -	House, Shanty, Hut
- - -	Shanty, tent with building
- - -	Shanty, tent without building
- - -	Sunglasses
- - -	Church or chapel
- - -	Church or chapel
- - -	Contours: line of number in solid black line
- - -	Approx. from lines V. L. 5 metres
- - -	Salt Marsh
- - -	Wadi
- - -	Arched or pipeline
- - -	Arched or pipeline
- - -	Wall, Fenced, Non-permanent, Broken, etc.
- - -	Sunglasses, Non-permanent, Broken, etc.
- - -	Wadi, etc.



521 cba 43 AMS GS
Egypt - Series 1:250,000 GS 4386 MOK 1006
Sheet 4



CORNER	N.W.	S.W.	N.E.	S.E.
LATITUDE	25° 30' 00"	25° 30' 00"	25° 30' 00"	25° 30' 00"
LONGITUDE	26° 00' 00"	26° 00' 00"	26° 00' 00"	26° 00' 00"
CONVERGENCE	0° 47' 00"	0° 45' 00"	0° 43' 00"	0° 41' 00"
CONVERGENCE	Grid North is West of True North	Grid North is West of True North	Grid North is West of True North	Grid North is West of True North
CONVERGENCE	Grid North is East of True North	Grid North is East of True North	Grid North is East of True North	Grid North is East of True North

EGYPTIAN GRID
Projection Transverse Mercator
Spheroid Helmert
Origin 30° N, 27° E
False Co-ordinates 700 Kilometres East
of Origin

REFERENCE	SYMBOL
Main, narrow, road	—
Desert road with natural foundation	—
Motor track	—
Desert Beacon	—
Telephone or Telegraph line	—
Boundary of State, Commisariat, District	—
Palisade, wire	—
Cemetery, Christian, Jewish, Moslem	—
Wireless Telegraph Station	—
Airfield	—
Landing ground	—
Kilometre post	—
Lighthouse	—
House, Shanty Hut	—
Wind pump	—
Mosque	—
Shackles tomb with building	—
Synagogue	—
Ruin of ancient castle	—
Church or chapel	—
Contour (Top of number on uphill side of slope)	—
Escarpment	—
Salt marsh	—
Well	—
Aqueduct or pipeline	—
Gravel pit	—
Wall, permanent, Non-permanent, Brickish, Dry	—
Spring, permanent, Non-permanent	—
Basement	—
Water Point	—

HEIGHTS IN METRES
m.N.

EGYPT & CYRENAICA
C-139
1:250,000

Copyrighted from Middle East Map, M.D.R. 1006/1557 of June 1942.

Photolithographed by O.S. 1943.

Military Intelligence Section
Dept. National Defense

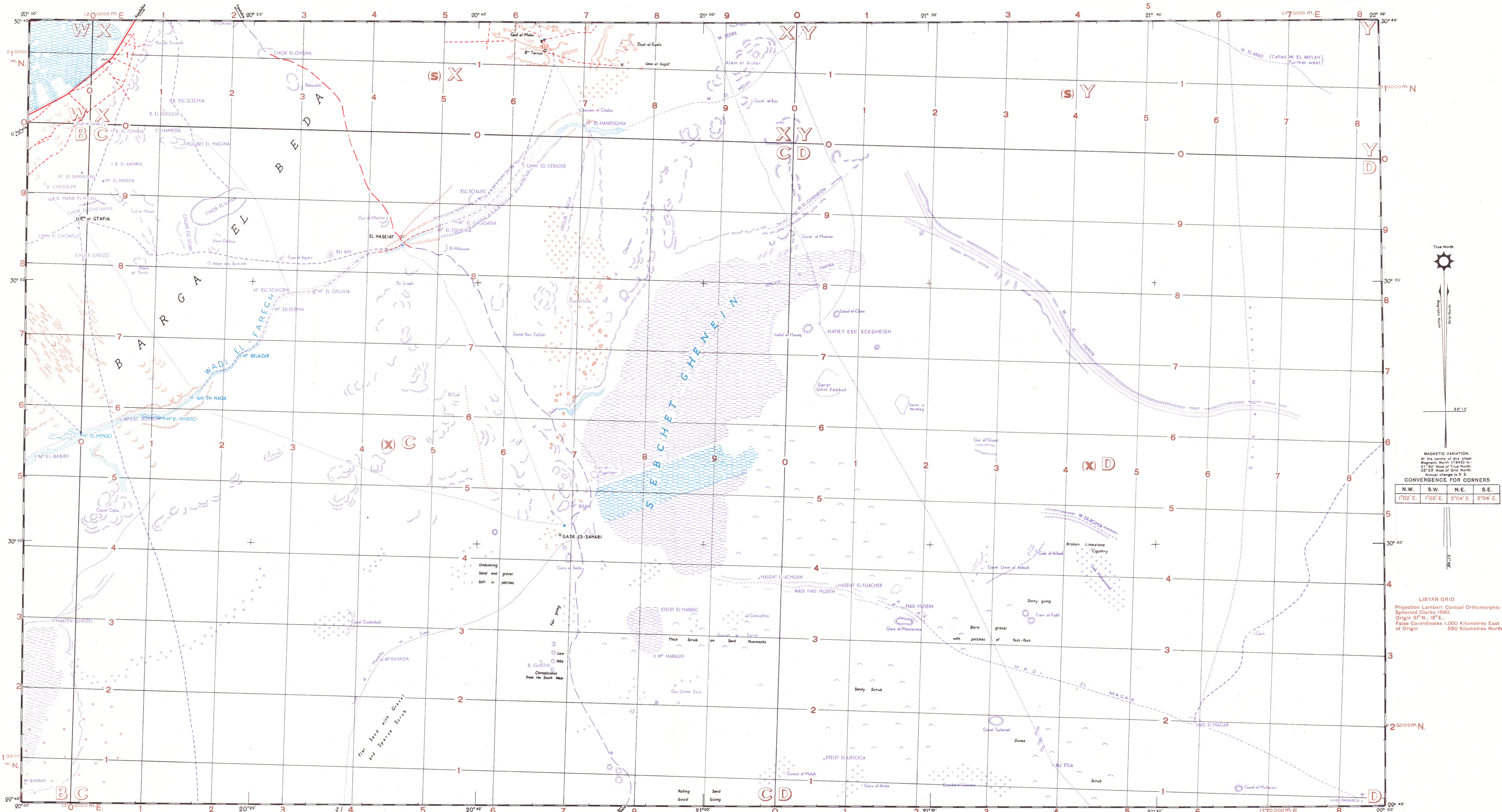
MAP LIBRARY

Map No. 5

Drawer No. 110

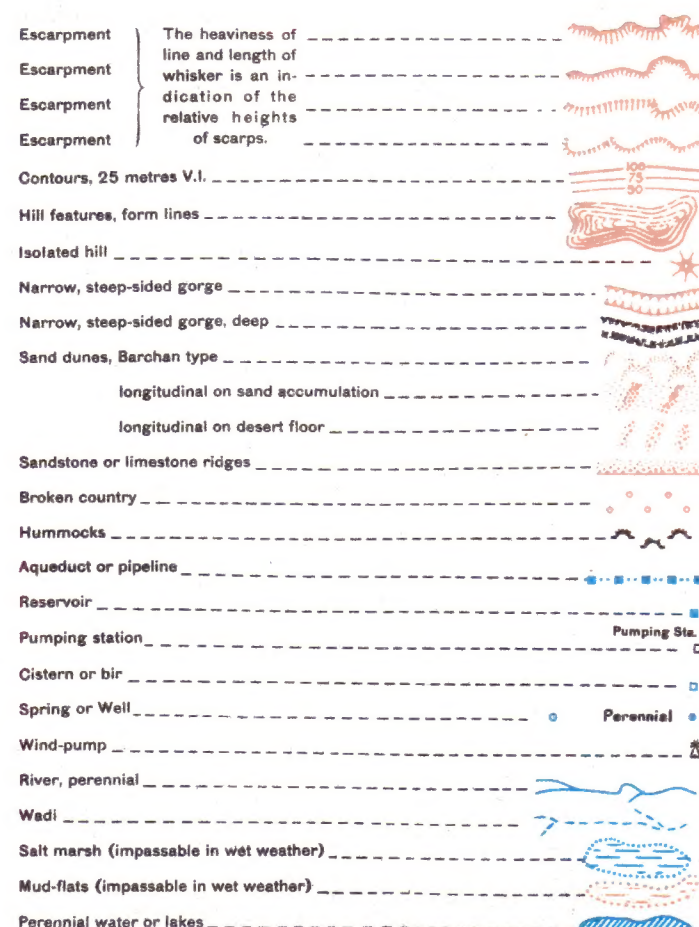
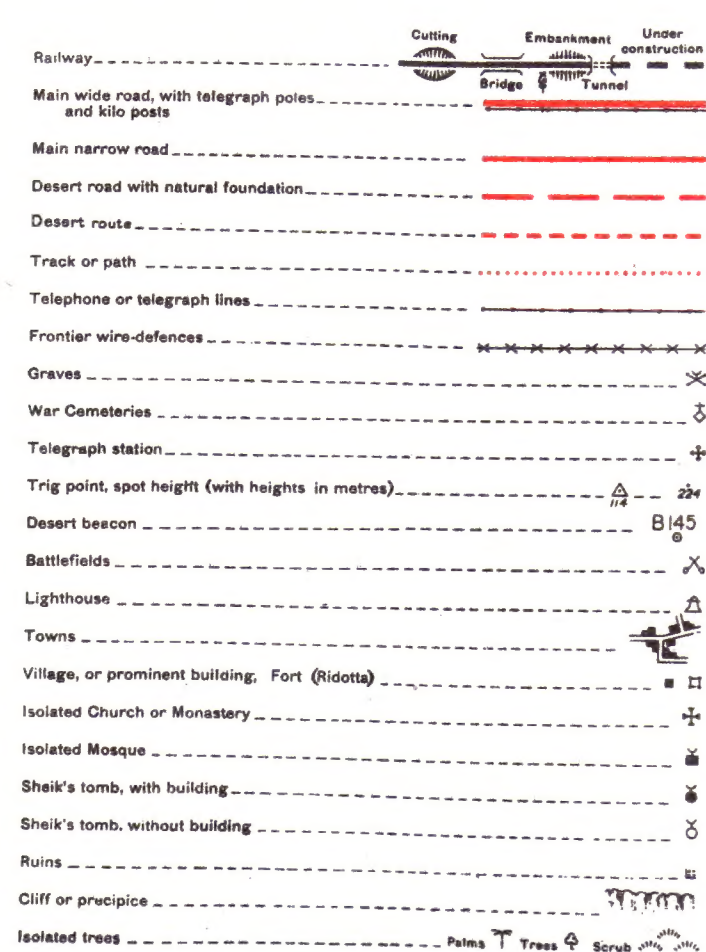
WILLIAM C. WONDER'S
MAP COLLECTION
Univ. of Alberta Library

Egypt and Cyrenaica 1:250,000 6564386 Sheet 5

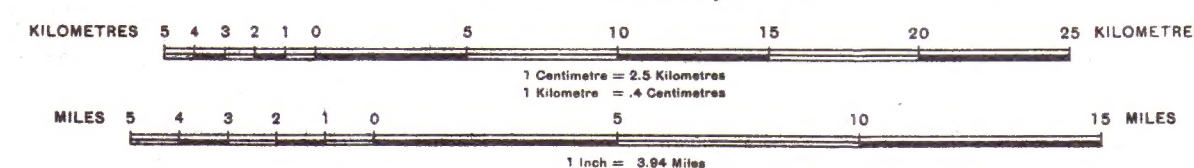


Geographical Section, General Staff, No. 4386.
Published by War Office 1943.
2,000/144 Ch.

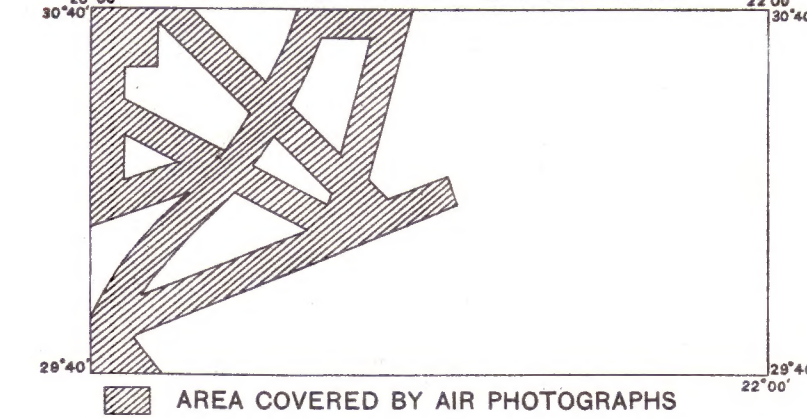
CONVENTIONAL SIGNS



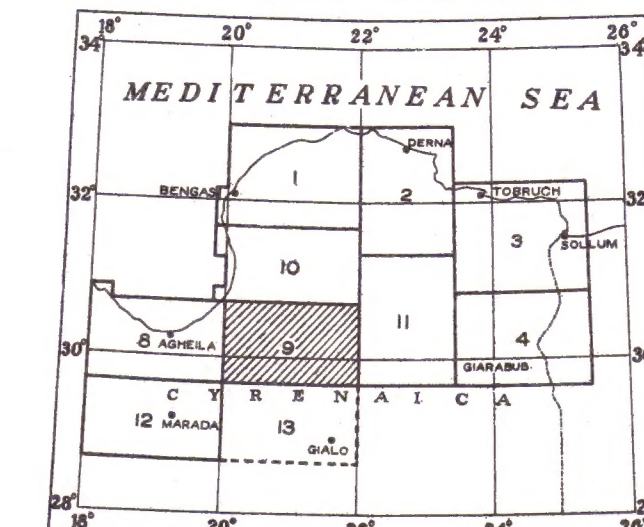
SCALE 1:250,000



RELIABILITY DIAGRAM



INDEX TO ADJOINING SHEETS



Copied from Middle East Map, M.D.R. 1006/1753 of October 1942.
Photolithographed by O.S. 1843.

MATERIAL USED

60 Squadron S.A.A.F. Air photographs dated Jan.-May 1942
P.R.U. Air Photographs dated April 1942
1:250,000 MARSA EL BREGA (W.D.N. 1006 2610) dated Feb. 1942
DETAIL AND NAMES SHOWN IN PURPLE FROM:
1:500,000 BENGASI DATED MAY, 1942
1:500,000 GIALO DATED OCT. 1941
1:400,000 ITALIAN SHEETS AGEDABIA AND GIALO
DATED FEB. 1941
L.R.D.G. AND INTELLIGENCE REPORTS

TO GIVE A GRID REFERENCE ON THIS SHEET.

LETTER—Must be used for this sheet. Obtain from face of map or from diagram.			
FIGURES—IGNORE THE SMALLER figures printed near the sheet corners. These are for finding the full co-ordinates, viz. 10000. USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP, viz. 40000.			
POINT	W	X	Y
EAST	6	9	4
NORTH	6	9	4
REFERENCE	W 6944 TO NEAREST 1,000 METRES		
Unit	Metre		
Square	10,000 Metres		

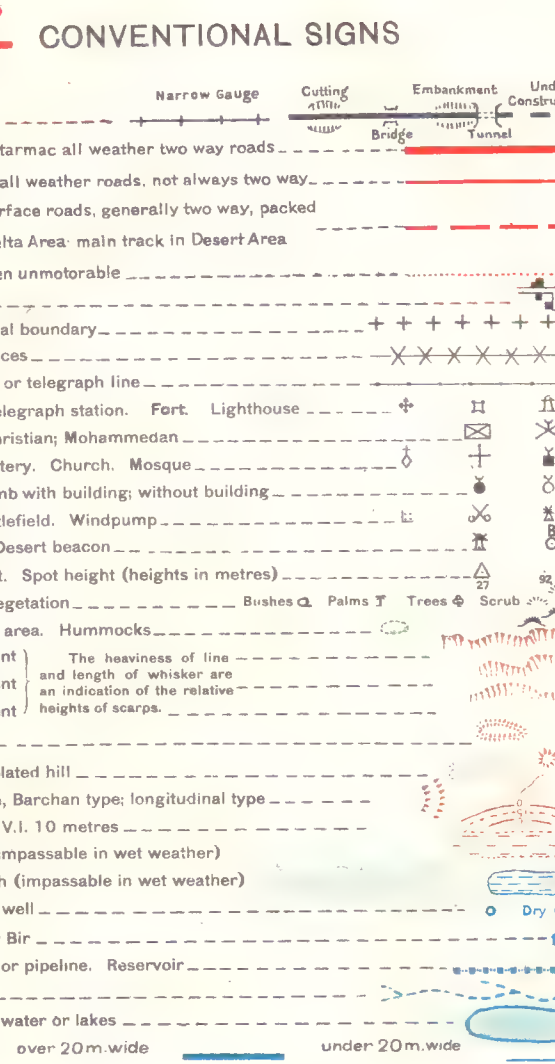
MAGNETIC VARIATION: At the centre of this sheet Magnetic North (1942) is 01° 30' West of True North. 01° 30' West of True North. Annual change is 5' E.			
CONVERGENCE FOR CORNERS			
N.W.	S.W.	N.E.	S.E.
1° 02' E.	1° 02' E.	2° 04' E.	2° 04' E.

LIBYAN GRID
Projection Lambert Conical Orthomorphic
Spheroid Clarke 1880.
Origin 31° N., 18° E.
False Co-ordinates 1,000 Kilometres East
of Origin 550 Kilometres North



Egypt and Cyrenaica 1:250,000 GSGS 4386 Sheet 11 North

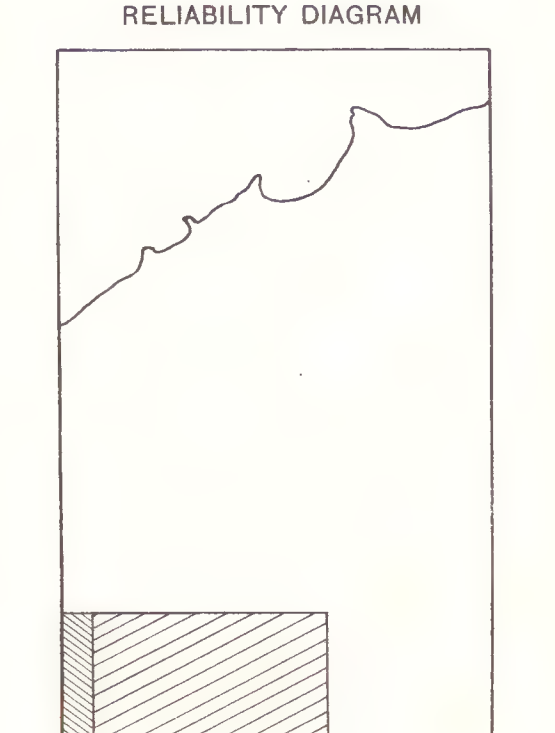




Glossary and Abbreviations

<p>Ain Alam Bahr Bakht, Balakht Bir, pi. Abbar B Birk Dair Durb Gebel, G. Ghard, pi. Ghurud Hayyat</p>	<p>Spring, Well Cairn, Small hill River Mud pan Cistern, Dug well Lake Desert Camel Route Mountain, Mountain Range Sand Dune Scrub or Cultivation, generally Depression Waterhole Rising ground Field surrounded by banks Hillcock Cannal Promontory, (inland) Place of Prayer Pass Tomb Hill Fort (generally Ruins) Promontory Holy Man Settlement Hill</p>
--	--

TO GIVE A GRID REFERENCE ON THIS SHEET			
POINT		sidi ABADALA	
EAST		NORTH	
Take West edge of square in which point lies and read the figures printed opposite this line (on North or West margin) or on the line itself (on the face of the sheet).	55	Take South edge of square in which point lies and read the figures printed opposite this line (on East or West margin) or on the line itself (on the face of the sheet).	90
Estimate tenths Eastwards	1	Estimate tenths Northwards	
EAST	551	NORTH	905
REFERENCE	551905	TO NEAREST 1,000 METRES	
Unit		Metre	



Some revision for Desert Area supplied
by Survey Directorate, Eighth Army

Roads in the Delta Area classified 1942
by Survey Directorate B.T.E.

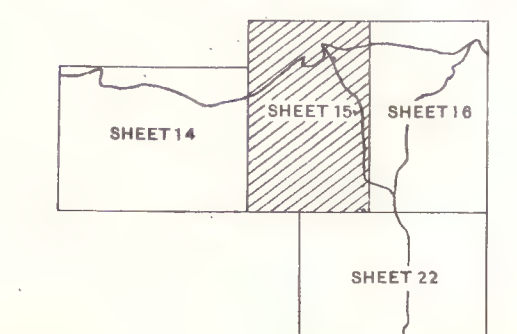
metre = 2.5 Kilometres 1 Inch =

10 15

HEIGHTS IN METRES

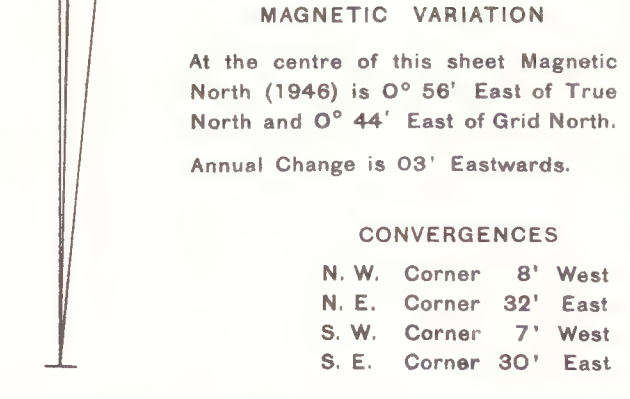
Vertical interval 10 metres
Dotted form lines 5 metres

INDEX TO ADJOINING SHEETS



MAP COLLECTION
UNIVERSITY OF ALBERTA
EDMONTON, ALBERTA
CANADA

ZABORSKI COLLECTION



	REFERENCE	
Railways; Double	_____	374.
" Single	_____	
" Light	_____	
Boundaries, Mudriya or Provincial	=====	
" Markaz or District	=====	
First class tarmac. All weather, two way, roads	=====	
Secondary roads, not always two way.	=====	
Natural surface roads, generally two way.	=====	Peked wheel in Oudins, Main track in Desert area.
Trucks often unroadable.	=====	
Telegraph (not along road)	=====	
Embankment and Cutting	=====	
Canals and Drains over 20 metres	=====	Agoutier
" " from 5 to 20 m.	=====	
" " " 2 to 5 m.	=====	
Muds (generally dry)	=====	guyard
Marsh and ground liable to inundation.	=====	
Cultivated Area	=====	
Wells	=====	
Heights in metres above Sea level, Instrumental, Approximate.	=====	-148 -192
Important Cities and Mudriya Towns	=====	CAIRO
Market Towns	=====	● Minif
Finance Villages over 5,000 Inhabitants	=====	● El Mai
" " from 2,000 to 5,000 "	=====	○ Teta
" " under 2,000 "	=====	• EL ARIN
Post and Telegraph Office	=====	P. T.
Mosque, Monastery	=====	.B
Beacon (Cairns)	=====	.
Police Station	=====	P.S.
Lighthouse, Windmill	=====	⚡ ⚙
Fort	=====	H
Palm trees	=====	T
Ruin	=====	?
Bridge, Ferry	=====	S = FERRY
Swings	=====	
Districts	=====	TEL SUZA TALKHA
Hills	=====	GEBEL RUZZA
Capes, Headlands	=====	Ras el Barr
Tribal names	=====	MAAZA

GLOSSARY

Agñel- Wells
Añu- Fish-er
Añ- Spring, well
Señ- Well
Well- Lake or pond
Bri-ek- Route or track
Daro- House or small fort
Ñeñ- The
Eñ- Hamlet
Eñ- (Zz)- Hill or mountain
Geñ- (Gez)- Island
Geñ- (Gee)- Road in sand, full of palms
Ñam- Son of
Vñ- Village
Karm- Artificial mound
Ñam- Fort or castle
Ñac- Sand dune
Ñac- Grass
Ñac- Flower-are
Gñ- Isolated mound
Gñ- (Zz)- One of a province
Malñ- Salt lake or pond
Ñac- (Zz)- Province
Ñeñ- Fort, prominent peak
Ñeñ- Hill
Ñeñ- Cape, promontory, head
Ñeñ- An elder
Ñeñ- A title
Ñeñ- Rising ground
Ñeñ- Small hill
Ñeñ- Mother
Ñeñ- Watercourse (generally dry)

TO GIVE A GRID REFERENCE ON THIS SHEET

PAY ATTENTION TO LARGER FIGURES PRINTED
IN MARGIN OR ON FACE OF MAP VIZ **8 19,000**

POINT **Q** Taba el Mang

<p>East</p> <p><i>Take west margin of square in which point lies and read the figures printed opposite this line on north or west margin or on the line itself (on the face of the map.)</i></p> <p><i>Estimate length eastwards</i></p> <p>East 651</p>	<p>North</p> <p><i>Take south edge of square in which point lies and read the figures printed opposite this line on east or west margin or on the line itself (on the face of the map.)</i></p> <p><i>Estimate breadth northwards</i></p> <p>North 896</p>
---	---

REFERENCE **651896** TO NEAREST 1,000 METRES

Unit **metre**
Square **10,000 metres**

With AIR INFORMATION as supplied by H.Q. R.A.F. M.E. Mar. 1946

REFERENCE TO AIR INFORMATION

erodrome _____

anding ground _____

erodrome, local position or existence not confirmed _____

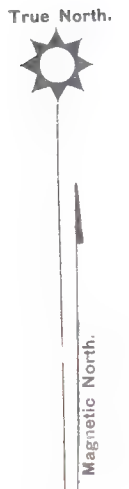
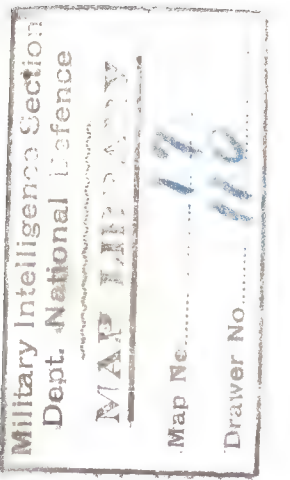
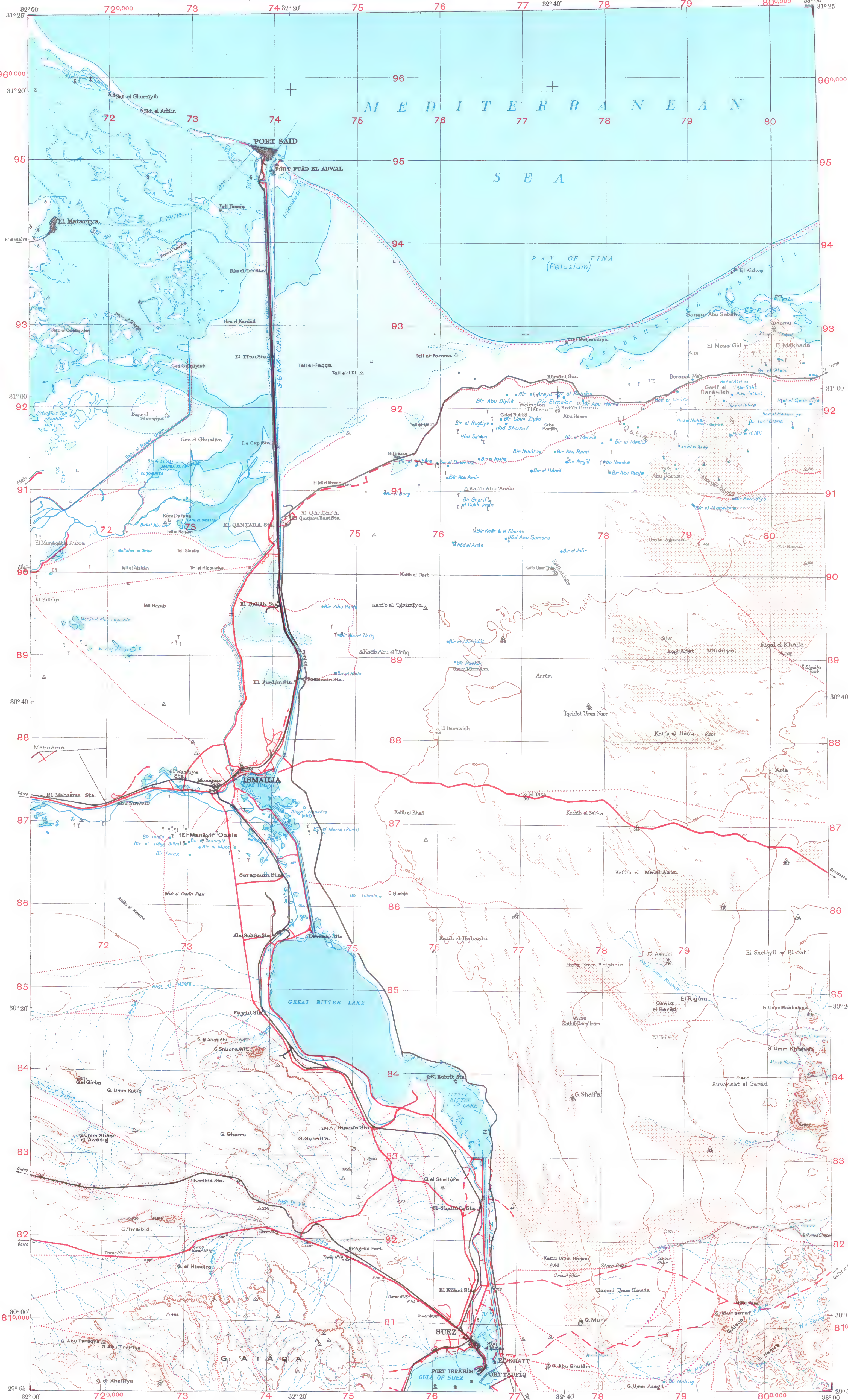
anding ground, not regularly visited, or existence not confirmed _____

erodrome abandoned _____

anding ground abandoned _____

aplane station _____

aplane alighting area _____



MAGNETIC VARIATION
At the centre of the Sheet
Magnetic North (1942) is
0° 54' East of True North
Annual change is 04' East

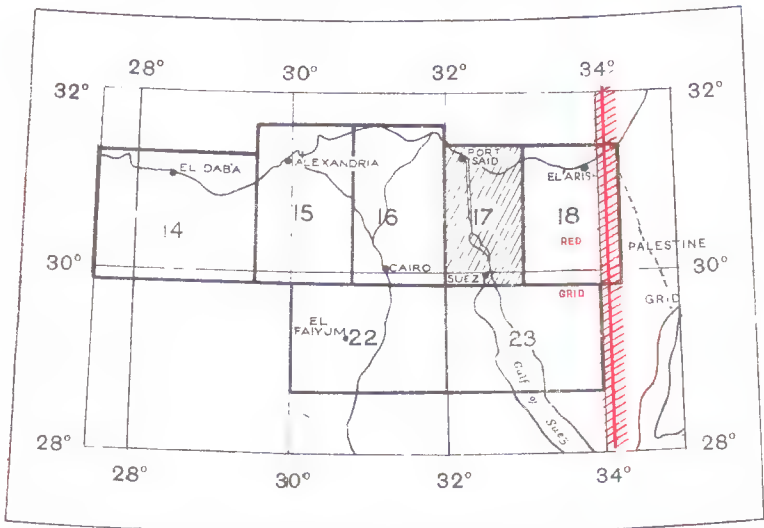
EGYPTIAN GRID
Projection Transverse Mercator
Spheroid Helmert
Origin 30° N., 31° E.
False Co-ordinates 615 Kilometres East
of Origin 810 Kilometres North

CONVERGENCE FOR CORNERS			
N.W.	S.W.	N.E.	S.E.
0° 31' E.	0° 30' E.	1° 03' E.	1° 00' E.

CONVENTIONAL SIGNS

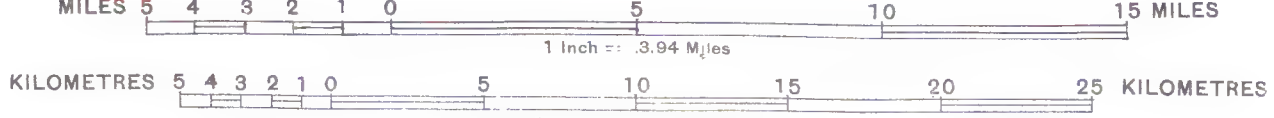
- Railway: Cutting, Bridge, Embankment, Tunnel
- Main road: Solid line
- Minor road: Dashed line
- Desert road with natural foundation: Dotted line
- Track or path unfit for wheeled traffic: Dashed line with cross-ticks
- Telephone or telegraph lines: Dashed line with cross-ticks
- International Boundary: Dashed line with cross-ticks
- Trig point, spot height (metres): Triangle with number
- Lighthouse: Tower with light
- Towns: Shaded area
- Village, or prominent building: Small square
- Mosque, Tomb: Star with cross
- Ruins: Dashed line with cross-ticks
- Cliff or precipice: Wavy line
- Escarpment: Wavy line with cross-ticks
- Contours, 100 metres V.I.: Wavy line with number
- Isolated hill: Circle with cross
- Narrow, steep-sided gorge: Wavy line with cross-ticks
- Sand: Dotted line
- Cistern: Circle with cross
- Springs or wells: Circle with cross
- River, perennial: Solid blue line
- Wadi: Dashed blue line
- Canals and drains over 20 m. wide: Solid blue line
- Canals and drains 5 to 20 m. wide: Dashed blue line
- Salt marsh (impassable in wet weather): Wavy line with cross-ticks
- Perennial water or lakes: Solid blue area

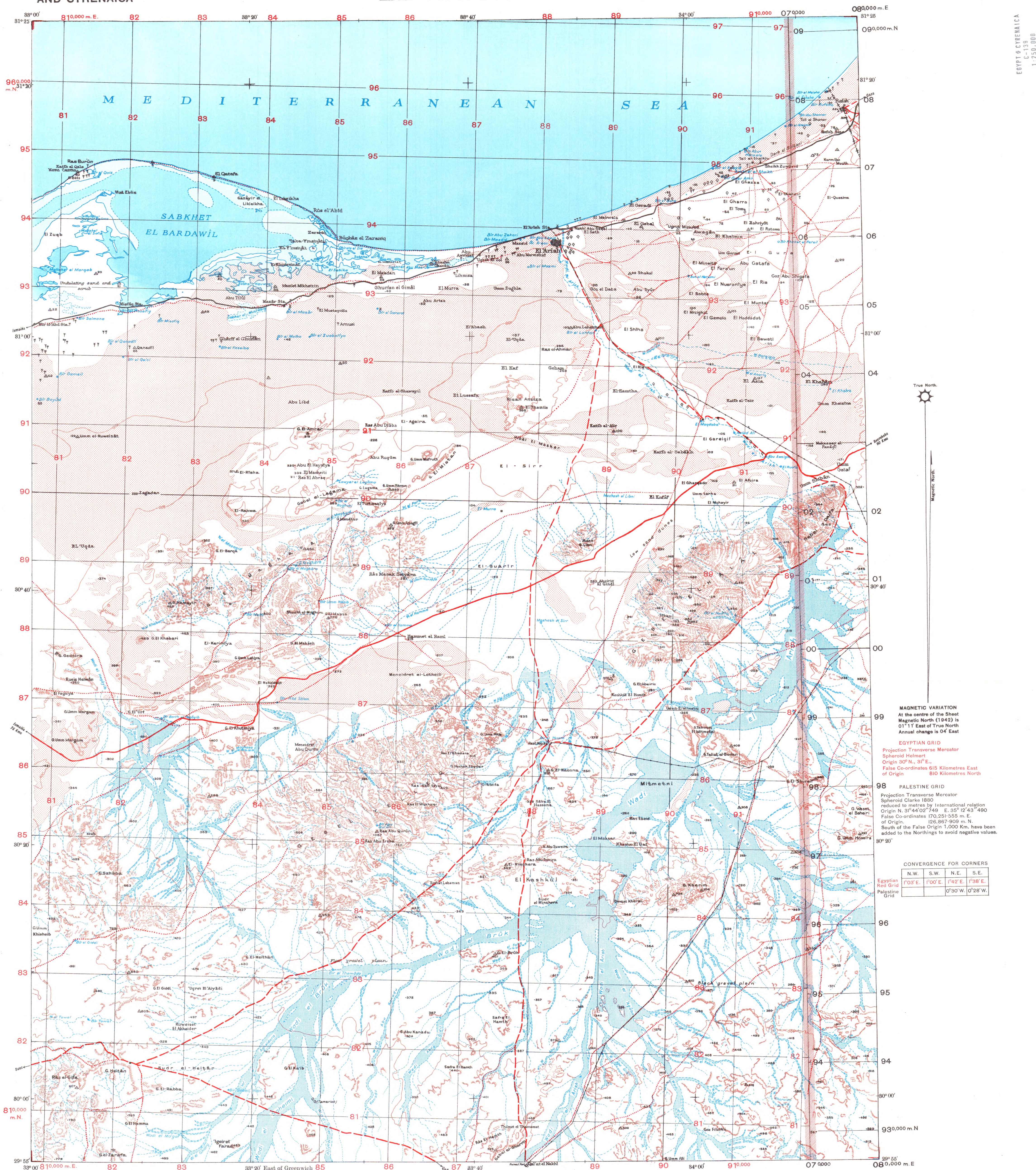
INDEX TO ADJOINING SHEETS



TO GIVE A GRID REFERENCE ON THIS SHEET.

FIGURES—IGNORE THE SMALLER figures printed near the sheet corners. These are for finding the full co-ordinates, viz. 914000. PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP, viz. 914000.			
POINT RUMANI STA.			
EAST	77	NORTH	92
Take West edge of square in which point lies and read the figure printed opposite this line (on North or South margin) or on the line itself (on the face of the map).		Take South edge of square in which point lies and read the figure printed opposite this line (on East or West margin) or on the line itself (on the face of the map).	
Estimate tenths Eastwards	4	Estimate tenths Northwards	4
REFERENCE 774924 TO NEAREST 1,000 METRES			
Unit	—	—	—
Square	—	—	—
10,000 Metres			

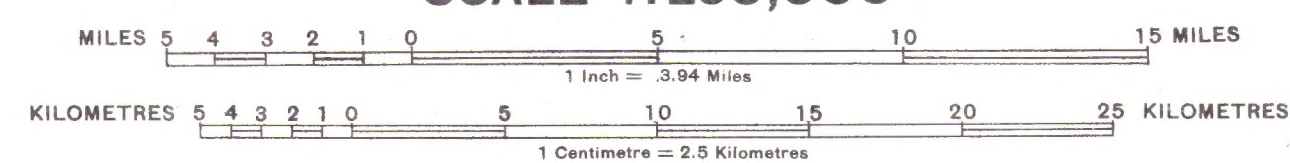




Geographical Section, General Staff, No. 4386.
Published by War Office 1943.
2,000/144 ca.

Heights in Metres

SCALE 1:250,000



CONVENTIONAL SIGNS

- Railway
Main road
Desert road with natural foundation
Track or path unfit for wheeled traffic
Telephone or telegraph lines
International boundary
Trig point, spot height (metres)
Lighthouse
Towns
Village, or prominent building
Mosque, Tomb
Ruins
Cliff or precipice

- Escarpment
Contours, 100 metres V.I.
Isolated hill
Narrow, steep-sided gorge
Sand
Cistern
Springs or wells
River, perennial
Wadi
Canals and drains over 20 m. wide
Canals and drains 5 to 20 m. wide
Salt marsh (impassable in wet weather)
Perennial water or lakes

TO GIVE A GRID REFERENCE ON THIS SHEET.

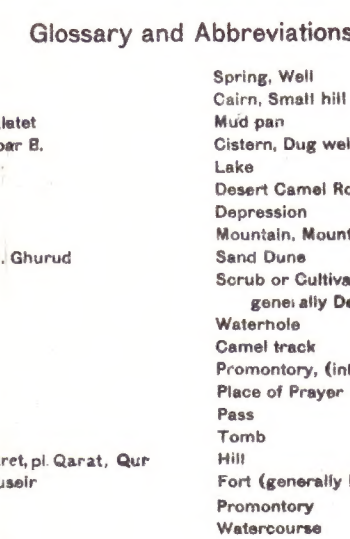
FIGURES—IGNORE THE SMALLER figures printed near the sheet corners. These are for finding the full co-ordinates, viz. 910000 USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP, viz. 910000			
POINT MAZAR STA.			
NORTH			
EAST	84	92	
Take West edge of square in which point lies and read the figure printed opposite this line (on East or West margin) or on the long line (on the face of the map). Estimate tenths Northwards			
EAST	843	NORTH	928
REFERENCE 843928 TO NEAREST 1,000 METRES			
Unit			Metre
Square			10,000 Metres

MAGNETIC VARIATION
At the centre of the Sheet
Magnetic North (1942) is
01°11' East of True North
Annual change is 0.4° East

EGYPTIAN GRID
Projection Transverse Mercator
Spheroid Helmert
Origin 30°N., 31°E.
False Co-ordinates 615 Kilometres East
of Origin
810 Kilometres North

PALESTINE GRID
Projection Transverse Mercator
Spheroid Clarke 1880
reduced to metres by International relation
Origin N. 31°44'02"749 E. 35°12'43"490
False Co-ordinates 170,251,555 m. E.
of Origin.
126,867,909 m. N.
South of the False Origin 1,000 Km. have been
added to the Northings to avoid negative values.

CONVERGENCE FOR CORNERS			
N.W.	S.W.	N.E.	S.E.
1°03'E.	1°00'E.	1°42'E.	1°38'E.
0°30'W.	0°28'W.		



Copied from Middle East Map, M.D.R. 1006/1696 of October 1942
Photolithographed by O.S. 1943.

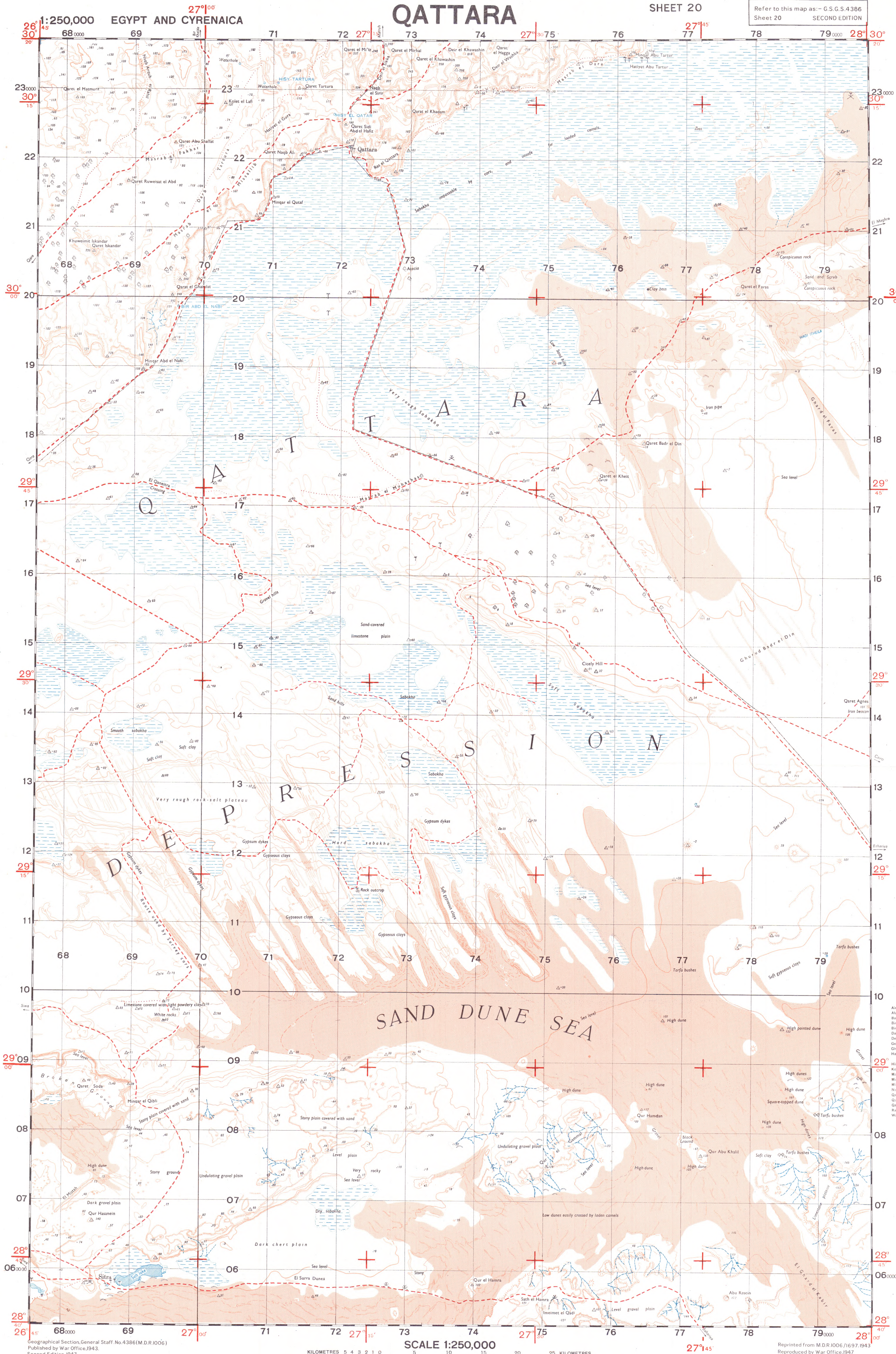
RELIABILITY DIAGRAM

Isolated vegetation	Tree, Bushy, Scrub, T, Q	
Cultivated area		
Escarpment	The hairiness of line and length of whisker are an indication of the relative heights of escarp	
Escarpment	(heights in metres)	
Narrow steep sided gorge		
Sand dune		
Sand dune, Barrier type, longitudinal type		
Confines, VI, 10 metres		
Mudpan (impossible in wet weather)		
Salt marsh (impossible in wet weather)		
Broken country		
Spring or well		
Clitern or Bir		
Aqueduct or pipeline	Reservoir	
Wadi		
Panoriel water or lakes		

Sheet 11		Sheet 12
Sheet 14		Sheet 15
Sheet 18	Sheet 19	
1:500,000 Sheet 23 Giarabub	Sheet 24	

Libya 1: 500,000 Series

Survey of Egypt, Western Desert
1: 100,000 Series



MAGNETIC VARIATION
At the centre of this Sheet
Magnetic North (1942) is
0° 37' West of True North
0° 48' West of Grid North
Annual change is 04' East

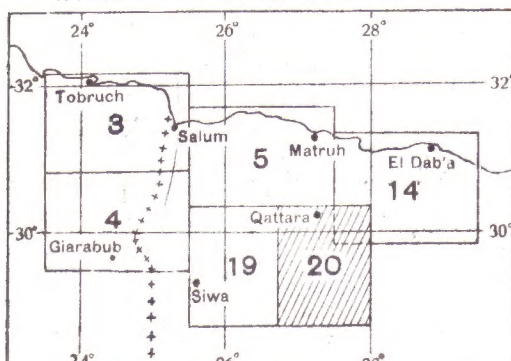
CONVERGENCE
At the West edge of this Sheet
Grid N. is 0° 08' West of True N.
At the East edge of this Sheet
Grid N. is 0° 30' East of True N.

Glossary and Abbreviations

Spring, Well
Cairn, Small
Mud pan
Cistern, dug
Lake
Desert Carner
Depression
Mountain, Mo
Sand Dune
Scrub or Cult
generally
Waterhole
Small hill
Camel track
Promontory,
Place of Prayer
Tomb
Hill
Fort (General)
Promontory
Watercourse

AIR INFORMATION NOTE
There are no airfields or landing grounds on this map.

INDEX TO ADJOINING SHEETS



521 cba 4E AMS GS

CONVENTIONAL SIGNS



Main road with Kilo posts
Secondary road

Road with natural foundation Desert route

Track or Path _____

Town _____

International boundary - - - - - + + + + +
Wire defences

Telephone or telegraph line ————

Wireless telegraph station Fort. Lighthouse ~ ~ ~ ~ ~
Graves, Christian; Mohammedan ~ ~ ~ ~ ~

War Cemetery. Church. Mosque -----

Sheik's tomb with building: without building -----

Ruin. Windpump
Desert beacon with number

Trig. point. Spot height (heights in metres) -----

ALL HEIGHTS ARE IN METRES

This sheet is gridded with the Egyptian "Purple" Grid based on Long. 27° E
Transverse Mercator Projection

TO GIVE A GRID REFERENCE ON THIS SHEET			
POINT () (BIR ABD EL NABI)			
EAST		NORTH	
Take West edge of square (marked with 1) and read the figures printed opposite this line for North or West margin) or on the line itself (for the face of the map)		Take South edge of square (marked with 1) and read the figures printed opposite this line for East or West margin) or on the line itself (for the face of the map)	
6	9	1	9
EAST 6 9 6		NORTH 1 9 8	
REFERENCE 6 9 6 1 9 8		TO NEAREST 1,000 METRES	
Unit		Metre	
Square		10,000 Metres	

CONVENTIONAL SIGNS

Isolated vegetation - Palms Trees Bushes Scrub

Escarpment } The heaviness of line
Escarpment } and length of whisker are

Escarpment { an indication of the relative heights of scarps (heights in metres) +3

Sand. Isolated hill

Sand dune, Barchan type; longitudinal type

Contours, V.I. 10 metres

Mudpani (impassable in wet weather) -----

Salt marsh (impassable in wet weather) -----

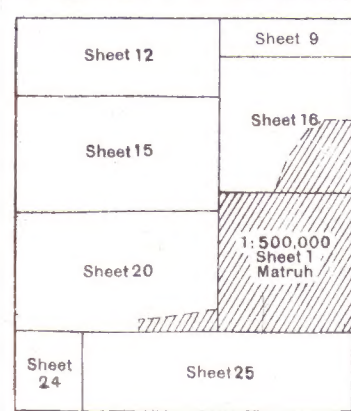
Broken country
Spring or well

Aqueduct or pipeline: Reservoir

Wadi

Personal Water Brake

RELIABILITY DIAGRAM



Vertical interval varies between 10 and 30 metres

Egypt, 1:500,000 Series

Survey of Egypt Western Desert
1:100,000 Series



